RAYMARK
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RI99245F

FINAL
AREA I
REMEDIAL INVESTIGATION

VOLUME II OF III
TABLES & FIGURES

RAYMARK-FERRY CREEK-OPERABLE UNIT 3
STRATFORD, CONNECTICUT

RESPONSE ACTION CONTRACT (RAC), REGION I

For
U.S. Environmental Protection Agency

By
Tetra Tech NUS, Inc.

EPA Contract No. 68-W6-0045
EPA Work Assignment No. 002-RICO-01H3
TtNUS Project No. N7491

October 1999

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FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

DATE	ACTIVITY	COMPANY CONDUCTING ACTIVITY*	GENERAL FINDINGS
1992-1994	CERCLA Removal Action at the Raymark Facility to abate imminent health risks	ELI	Mitigated imminent health risks posed by site conditions.
1993	Soil Sampling	Metcalf & Eddy - CT DEP	Soil samples collected from residential properties within AOC C.
1993	Final Site Inspection Report for Raymark Industries issued	Weston (ARCS)	Included collection of sediment samples along Ferry Creek and the Housatonic River to monitor contaminant migration from the Raymark Facility. Numerous site-related organic and inorganic contaminants detected at elevated levels. Soil sampling detected site-related contaminants at the facility and nearby residential properties. Report also summarized previous sampling results (soil, sediment, groundwater).
1993	Fish and Shellfish Sampling	EPA and CT DEP	Fish/shellfish analyses from samples collected from various Stratford water bodies, including Housatonic River, Ferry Creek, Selby Pond, and other ponds. Health advisory issued to limit consumption of eels from Selby Pond.
1993-1995	Expanded Site Inspections (ESIs) and Vertical Sampling Program (VSP)	Weston (TAT/ARCS)	Surficial and subsurface soil and groundwater sampling conducted at various locations throughout Stratford identified contamination. Commercial and residential properties within the study area were investigated by Weston under TAT and ARCS, respectively.
1993-1994	Comprehensive Site Investigation (CSI) reports issued, Stratford Superfund Sites	HNUS (ARCS)	Surficial and subsurface soil investigations and sampling for lead, PCBs, and asbestos; conducted at Stratford residential properties, using a grid sampling system, to provide data necessary to proceed with the Stratford Superfund Sites Remediation Program. The properties investigated by HNUS are outside the current OU3 study area, and are therefore not discussed in this report, but data from these studies were used to help define the current OU3 study area.

TABLE 1-1
HISTORY OF ACTIVITIES ASSOCIATED WITH RAYMARK FACILITY AND ENVIRONS
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

DATE	ACTIVITY	COMPANY CONDUCTING ACTIVITY*	GENERAL FINDINGS
1994-1995	Comprehensive Site Investigations (CSI), Stratford Superfund Sites, Final CSI Report issued 1995	Foster Wheeler	Surficial and subsurface soil investigations conducted at Stratford residential properties, using a grid sampling system, to provide data necessary to proceed with the Stratford Superfund Sites Remediation Program. Contamination identified.
1994	Hydrologic Runoff Analysis Report issued	ELI	Investigated surface water samples associated with drainage system network and diversion bypass around Lagoon No. 4. Contaminant discharge identified as result of drainage network, not a specific source or spill.
1994	Ground Penetrating Radar (GPR) Survey Report issued	Hager-Richter	Data obtained on depth of fill and presence of buried metal objects at three properties within the study area (Morgan Francis, Housatonic Boat Club, and Spada).
1994-1996	Removal Action and Post-Excavation Programs	Foster Wheeler	Post-excavation records for soil removal actions conducted at 46 properties document the remediation activities and indicate that the established clean-up criteria were achieved.
1995	Final RCRA Facility Investigation Report, Raymark Industries, issued	ELI	Reported results from monitoring wells and soil borings, Phase IIA and IIB groundwater sampling rounds, nature and extent of Raymark Facility contamination. Continued to exceed drinking water standards.
1995	Final Remedial Investigation Report, Raymark Facility, issued	HNUS (ARCS)	Compiled results reported by ELI and other contractors as part of RCRA Facility Investigation and CERCLA time-critical removal actions at Raymark Facility. Widespread groundwater and soil contamination at facility. Recommend additional investigations of surface water, sediment, and groundwater off site.
1997	Ecological Risk Assessment	NOAA	Addressed risks to ecological receptors posed by hazardous Raymark Facility waste materials present in Ferry Creek, portions of the Housatonic River, and associated wetlands.

TABLE 1-1
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RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

DATE	ACTIVITY	COMPANY CONDUCTING ACTIVITY*	GENERAL FINDINGS
1997	Draft Phase II and Draft Phase III Tech Memos, Selby Pond issued	HNUS	Reported nature and extent of surface water and sediment contamination in and around Selby Pond. Identified hydrologic connection between Ferry Creek and pond. Recommended consideration of remedial action to be combined with that of Ferry Creek.
1997	Final Tech Memo, Compilation of Existing Data, Raymark - Ferry Creek issued	B&RE (RAC)	Compiled existing data. Identified data gaps to be filled during Raymark - Ferry Creek RI.
1988	Draft Evaluation of Raymark Superfund Data for PRG Development	SAIC	Evaluated historical and recently collected chemistry and toxicity data for development of preliminary remediation goals for Raymark-related contaminants of concern.
1999	Evaluation of Ecological Risk to Avian and Mammalian Receptors in the Vicinity of Upper and Middle Ferry Creek	SAIC	Evaluated potential risk to avian and mammalian receptor species utilizing habitat in upper and middle Ferry Creek

Notes:

* - ELI was hired by Raymark Industries, Inc. to perform environmental investigations at the Raymark Facility. Metcalf & Eddy performed environmental sampling under contract to CT DEP. Foster Wheeler was contracted by U.S. ACOE to perform environmental investigations to support the Stratford Superfund Sites Removal Action Program. Weston was contracted by EPA to perform environmental investigations at the Raymark Facility and environs, including residential and commercial properties in Stratford, under TAT and ARCS. NOAA and their contractor performed ecological risk assessment work for EPA. HNUS/B&RE was contracted by EPA to perform environmental investigations at the Raymark Facility and environs to complete associated RI/FS activities under ARCS and RAC. Hager-Richter Geoscience, Inc. was subcontracted by HNUS to perform a GPR survey to support the RI/FS activities.

CSI - Comprehensive Site Investigation

ESI - Expanded Site Inspection

GPR - Ground Penetrating Radar

VSP - Vertical Sampling Program

TABLE 4-1
CHEMICAL CONTAMINANTS FREQUENTLY DETECTED IN OU3 STUDY AREA
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

VOCs:	**SVOCs:**	**PESTICIDES:**
Aromatic Hydrocarbons	Phenolic Compounds	4,4'-DDD
Benzene	4-Methylphenol	4,4'-DDE
Ethylbenzene	2,4-Dimethyphenol	4,4'-DDT
Toluene	Phenol	alpha-Chlorodane
Xylene		gamma-Chlordane
	Phthalates	Dieldrin
Chlorinated Hydrocarbons		
	Bis(2-ethylhexyl)phthalate	**PCBs:**
Vinyl chloride	Di-n-butylphthalate	
Chorobenzene		Aroclor-1262
1,1-Dichloroethane (1,1-DCA)	Polynuclear Aromatic Hydrocarbons	Aroclor-1268
1,1-Dichloroethene (1,1-DCE)	(PAHs)	
1,2-Dichloroethene (1,2-DCE)		**METALS:**
Methylene Chloride	Acenaphthylene	
1,1,1-Trichloroethane (1,1,1-TCA)	Acenaphthene	Aluminum
Trichloroethene	Anthracene	Arsenic
	Benzo(a)anthracene	Barium
	Benzo(a)pyrene	Beryllium
Ketones	Benzo(b)fluoranthene	Cadmium
	Benzo(g,h,i) prylene	Calcium
Acetone	Benzo(k)fluoranthene	Chromium
2-Butanone (MEK)	Chrysene	Cobalt
4-Methyl-2-pentanone	Dibenz(a,h)anthracene	Copper
	Dibenzofuran	Iron
Other	Fluoranthene	Lead
	Fluorene	Magnesium
Carbon Disulfide	Indeno(1,2,3-cd)pyrene	Manganese
	2-Methylnaphthalene	Mercury
	Naphthalene	Nickel
	Phenanthrene	Potassium
	Pyrene	Silver
		Sodium
		Vanadium
	Other	Zinc
	Carbazole	**ASBESTOS:**
		Chrysotile
		DIOXINS AND FURANS:
		2,3,7,8-TCDD toxic equivalents (TEQ)

TABLE 4-2
CHEMICAL COMPOUNDS USED OR HANDLED AT THE RAYMARK FACILITY
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

CHEMICAL COMPOUND/MATERIAL	DESCRIPTION	INFORMATION SOURCES			
		NO. 1	NO. 2	NO. 3	NO. 4
Acetone	2-Propanone	X		X	
Adhesive CR04					X
Alcohol			X		X
Aluminum	Alumina		X		X
Ammonia Aqua		X			X
Arco 4545					X
Asbestos			X	X	X
Boiler Feed Water		X			
1-Butanol	N-Butyl Alcohol			X	
2-Butanone	MEK			X	
N-Butyl Alcohol				X	
Carbon Tetrachloride	Perchloromethane			X	
Caustic	Sodium Hydroxide	X			X
Caustic Liquid/Sludge	Sodium Hydroxide				X
China Oil					X
Chinawood Oil	Meta Para Cresol; Phenolic Mixture	X			
Ching Oil					X
Chlorinated Fluorocarbons				X	
Coal	Natural Solid		X		
Coal Tar Resin	Petroleum-Like Fuel				X
Copper			X		
Cotton			X		
Cresolic Acid	Cresol; Methylphenol			X	
Cresylic Acid	Cresol; Methylphenol	X		X	X
Denatured Alcohol		X			
Denatured Ethanol					X
Dust (Dry)					X
Dust (Wet)					X
Fiberglass Fibers			X		
Fire Water		X			
Formaldehyde Resin					X
Formaldehyde (37%)		X		X	
#2 Fuel Oil	Diesel Oil	X			
#6 Fuel Oil		X	X		
Gilsonite	Asphaltic Material				X

TABLE 4-2
CHEMICAL COMPOUNDS USED OR HANDLED AT THE RAYMARK FACILITY
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RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

CHEMICAL COMPOUND/MATERIAL	DESCRIPTION	INFORMATION SOURCES			
		NO. 1	NO. 2	NO. 3	NO. 4
Graphite	Black Lead		X		
Hexamethylene Tetramine	Methanamine				X
Hycar Rubber			X		
Hydraulic Oil			X		
Iron Hydroxide Sludge			X		
Latex	Hydrocarbon Polymer	X	X		X
Lead			X	X	X
Linseed Oil	Flaxseed Oil	X			
Liquid Phenolic Resin	Condensation of Phenol with Aldehydes		X		
Meta Para Cresol	Phenolic Mixture	X			
Methanol	Methyl Alcohol				X
Methylbenzene	Toluene			X	
Methyl Chloride	Dichloromethane			X	
Methyl Chloroform	1,1,1-Trichloroethane		X	X	
Methylethyl Ketone	2-Butanone	X		X	X
Methylphenol	Cresol			X	
Mineral Spirits					X
Monochlorobenzene	Phenyl Chloride	X			X
Muriatic Acid	Hydrochloric Acid		X		
Naptha	Petroleum Product	X	X		
Nitric Acid		X	X		
Nylon					X
Phenol	Tung Oil	X	X	X	X
Phenol Formaldehyde Copolymer	Synthetic Thermosetting Polymer				X
Phenolic Resin	Condensation of Phenol with Aldehydes				X
Phenolic Resin 424					X
Phenolic Resin 439					X
Phenolic Resin 478					X
Pickle Liquor	Waste Acid Containing Dissolved Metals			X	
Polybutadiene Resin	Synthetic Thermoplastic Polymer				X
Powdered Metals					X
2-Propanone	Acetone	X		X	
Process CNSL		X			X

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STRATFORD, CONNECTICUT

CHEMICAL COMPOUND/MATERIAL	DESCRIPTION	INFORMATION SOURCES			
		NO. 1	NO. 2	NO. 3	NO. 4
Raw Cashew Nut Oil		X			X
RC 439	477 Saturant	X			
RC 845					X
Reclaimed City Water		X			
Red Oxide	Iron Oxide		X		
Resin Solution CR04					X
Rinsate Water					X
Rubber	Polyisoprene		X		
Rubber Cement			X		
Sartomer 845					X
Saturant 295E	90% Anacardic Acid; Sulfur Blistering Compound	X			
Saturant 439		X			
Saturant 451		X			X
Saturant 500-3					X
Saturant 500-F					X
Saturant 8240		X			
Saturant 850F					X
Saturant 851					X
Saturant RC 581					X
Scrap Resin	Petroleum and Mineral Spirits	X			
Scrap Saturant					X
#3 Sludge					X
Soap Saturant 850F					X
Solvent 204		X			
Steel			X		X
Steel Wool			X		
Sulfuric Acid	Battery Acid		X		
Tetrachloroethylene	Perchloroethylene (PCE)			X	
Textile Spirits					X
Toluene				X	X
Toluol	Cresol	X	X		
1,1,1-Trichloroethane (TCA)		X	X	X	
Trichloroethylene (TCE)				X	
Tung Oil		X			X

TABLE 4-2
CHEMICAL COMPOUNDS USED OR HANDLED AT THE RAYMARK FACILITY
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RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

CHEMICAL COMPOUND/MATERIAL	DESCRIPTION	INFORMATION SOURCES			
		NO. 1	NO. 2	NO. 3	NO. 4
Unleaded Gasoline		X			
Varsol	Petroleum Aliphatic Solvents				X
Varsol #18		X			X
Vegetable Oil					X
VMP Naptha	Varnish; Petroleum Spirits	X			
Waste Oil		X			
White Water		X	X		X

Information Sources:
No. 1 - Overall Site Plan, Sheet No. S1 (ELI, 1993).
No. 2 - RCRA Facility Investigation Report, Section 2.0 (ELI, 1995).
No. 3 - RCRA Application, Part A, 8/15/80.
No. 4 - RCRA Application, Part B, 8/15/80.

TABLE 4-3
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
Volatile Organic Compounds:			
1,1,1-Trichloroethane	0/4	9.88	ug/kg
1,1,2,2-Tetrachloroethane	0/4	9.88	ug/kg
1,1,2-Trichloroethane	0/4	9.88	ug/kg
1,1-Dichloroethane	0/4	9.88	ug/kg
1,1-Dichloroethene	0/4	9.88	ug/kg
1,2-Dichloroethane	0/4	9.88	ug/kg
1,2-Dichloroethene	0/4	9.88	ug/kg
1,2-Dichloropropane	0/4	9.88	ug/kg
2-Butanone	0/4	9.88	ug/kg
2-Hexanone	0/4	9.88	ug/kg
4-Methyl-2-Pentanone	0/4	9.88	ug/kg
Acetone	0/4	30.3	ug/kg
Benzene	0/4	9.88	ug/kg
Bromodichloromethane	0/4	9.88	ug/kg
Bromoform	0/4	9.88	ug/kg
Bromomethane	0/4	9.88	ug/kg
Carbon Disulfide	2/4	13.6	ug/kg
Carbon Tetrachloride	0/4	9.88	ug/kg
Chlorobenzene	0/4	9.88	ug/kg
Chloroethane	0/4	9.88	ug/kg
Chloroform	0/4	9.88	ug/kg
Chloromethane	0/4	9.88	ug/kg
cis-1,3-Dichloropropane	0/4	9.88	ug/kg
Dibromochloromethane	0/4	9.88	ug/kg
Ethylbenzene	0/4	9.88	ug/kg
Methylene Chloride	0/4	9.88	ug/kg
Styrene	0/4	9.88	ug/kg
1,1,2,2-Tetrachloroethane	0/4	9.88	ug/kg
Tetrachlorothene	0/4	9.88	ug/kg
Toluene	1/4	9.38	ug/kg
Total Xylenes	0/4	9.88	ug/kg
trans-1,3-Dichloropropane	0/4	9.88	ug/kg
Trichloroethene	0/4	9.88	ug/kg
Vinyl Chloride	0/4	9.88	ug/kg
Semivolatile Organic Compounds:			
1,2,4-Trichlorobenzene	0/4	615	ug/kg
1,2-Dichlorobenzene	0/4	615	ug/kg
1,3-Dichlorobenzene	0/4	615	ug/kg

TABLE 4-3
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
1,4-Dichlorobenzene	0/4	615	ug/kg
2,2'-oxybis(1-Chloropropane)	0/4	615	ug/kg
2,4,5-Trichlorophenol	0/4	1500	ug/kg
2,4,6-Trichlorophenol	0/4	615	ug/kg
2,4-Dichlorophenol	0/4	615	ug/kg
2,4-Dimethylphenol	0/4	615	ug/kg
2,4-Dinitrophenol	0/4	1500	ug/kg
2,4-Dinitrotoluene	0/4	615	ug/kg
2,6-Dinitrotoluene	0/4	615	ug/kg
2-Chloronaphthalene	0/4	615	ug/kg
2-Chlorophenol	0/4	615	ug/kg
2-Methylnaphthalene	0/4	615	ug/kg
2-Methylphenol	0/4	615	ug/kg
2-Nitroaniline	0/4	1500	ug/kg
2-Nitrophenol	0/4	615	ug/kg
3,3'-Dichlorobenzidine	0/4	615	ug/kg
3-Nitroaniline	0/4	1500	ug/kg
4,6-Dinitro-2-methylphenol	0/4	1500	ug/kg
4-Bromophenyl-phenylether	0/4	615	ug/kg
4-Chloro-3-methylphenol	0/4	615	ug/kg
4-Chloroaniline	0/4	615	ug/kg
4-Chlorophenyl-phenylether	0/4	615	ug/kg
4-Methylphenol	0/4	615	ug/kg
4-Nitroaniline	0/4	1500	ug/kg
4-Nitrophenol	0/4	1500	ug/kg
Acenaphthene	0/4	615	ug/kg
Acenaphthylene	0/4	615	ug/kg
Anthracene	1/4	578	ug/kg
Benzo(a)anthracene	2/4	2020	ug/kg
Benzo(a)pyrene	1/4	1700	ug/kg
Benzo(b)fluoranthene	3/4	3290	ug/kg
Benzo(g,h,i)perylene	1/4	928	ug/kg
Benzo(k)fluoranthene	0/4	615	ug/kg
Bis(2-Chloroethoxy)Methane	0/4	615	ug/kg
Bis(2-Chloroethyl)ether	0/4	615	ug/kg
Bis(2-Ethylhexyl)phthalate	2/4	618	ug/kg
Butylbenzylphthalate	0/4	615	ug/kg
Carbazole	1/4	528	ug/kg
Chrysene	2/4	1940	ug/kg
Di-n-Butylphthalate	0/4	615	ug/kg
Di-n-Octylphthalate	0/4	615	ug/kg

TABLE 4-3
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
Dibenzo(a,h)anthracene	1/4	753	ug/kg
Dibenzofuran	0/4	615	ug/kg
Di-n-butylphthalate	0/4	615	ug/kg
Diethylphthalate	0/4	615	ug/kg
Dimethylphthalate	0/4	615	ug/kg
Fluoranthene	4/4	3770	ug/kg
Fluorene	0/4	615	ug/kg
Hexachlorobenzene	0/4	615	ug/kg
Hexachlorobutadiene	0/4	615	ug/kg
Hexachlorocyclopentadiene	0/4	615	ug/kg
Indeno(1,2,3-cd)pyrene	1/4	1550	ug/kg
Isophorone	0/4	615	ug/kg
N-Nitroso-di-n-propylamine	0/4	615	ug/kg
N-Nitroso-diphenylamine	0/4	615	ug/kg
Naphthalene	0/4	615	ug/kg
Nitrobenzene	0/4	615	ug/kg
Pentachlorophenol	0/4	1500	ug/kg
Phenanthrene	2/4	1900	ug/kg
Phenol	0/4	615	ug/kg
Pyrene	4/4	2490	ug/kg
Pesticides/PCBs:			
4,4'-DDD	3/4	2.31	ug/kg
4,4'-DDE	2/4	1.04	ug/kg
4,4'-DDT	2/4	1.98	ug/kg
Aldrin	3/4	0.945	ug/kg
alpha-BHC	0/4	1.40	ug/kg
alpha-Chlordane	3/4	0.294	ug/kg
Aroclor-1016	0/4	16.9	ug/kg
Aroclor-1221	0/4	34.1	ug/kg
Aroclor-1232	0/4	16.9	ug/kg
Aroclor-1242	0/4	16.9	ug/kg
Aroclor-1248	0/4	16.9	ug/kg
Aroclor-1254	0/4	16.9	ug/kg
Aroclor-1260	0/4	16.9	ug/kg
Aroclor-1262	0/4	16.9	ug/kg
Aroclor-1268	0/4	16.9	ug/kg
beta-BHC	0/4	0.863	ug/kg
delta-BHC	0/4	0.863	ug/kg
Dieldrin	0/4	1.69	ug/kg
Endosulfan I	0/4	0.863	ug/kg
Endosulfan II	2/4	0.980	ug/kg

TABLE 4-3
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
Endosulfan Sulfate	0/4	1.69	ug/kg
Endrin	3/4	1.18	ug/kg
Endrin Aldehyde	2/4	1.13	ug/kg
Endrin Ketone	0/4	1.69	ug/kg
gamma-BHC	0/4	0.79	ug/kg
gamma-Chlordane	2/4	2.04	ug/kg
Heptachlor	1/4	0.708	ug/kg
Heptachlor Epoxide	1/4	1.11	ug/kg
Methoxychlor	0/4	6.83	ug/kg
Toxaphene	0/4	86.3	ug/kg
Dioxins and Furans:			
1,2,3,4,6,7,8-HpCDD	4/4	0.110	ug/kg
1,2,3,4,6,7,8-HpCDF	4/4	0.0432	ug/kg
1,2,3,4,7,8,9-HpCDF	0/4	0.00405	ug/kg
1,2,3,4,7,8-HxCDD	2/4	0.00292	ug/kg
1,2,3,4,7,8-HxCDF	1/4	0.00243	ug/kg
1,2,3,6,7,8-HxCDD	2/4	0.00586	ug/kg
1,2,3,6,7,8-HxCDF	1/4	0.00184	ug/kg
1,2,3,7,8,9-HxCDD	1/4	0.00375	ug/kg
1,2,3,7,8,9-HxCDF	2/4	0.00290	ug/kg
1,2,3,7,8-PeCDD	0/4	0.00132	ug/kg
1,2,3,7,8-PeCDF	0/4	0.00181	ug/kg
2,3,4,6,7,8-HxCDF	0/4	0.00225	ug/kg
2,3,4,7,8-PeCDF	0/4	0.00173	ug/kg
2,3,7,8-TCDD	0/4	0.000373	ug/kg
2,3,7,8-TCDF	3/4	0.00419	ug/kg
OCDD	4/4	1.60	ug/kg
OCDF	4/4	0.116	ug/kg
Total HpCDD	4/4	0.260	ug/kg
Total HpCDF	4/4	0.231	ug/kg
Total HxCDD	4/4	0.0254	ug/kg
Total HxCDF	4/4	0.263	ug/kg
Total PeCDD	0/4	0.00132	ug/kg
Total PeCDF	4/4	0.402	ug/kg
Total TCDD	3/4	0.00277	ug/kg
Total TCDF	3/4	0.254	ug/kg
Toxicity Equivalency (TEQ)	4/4	0.00452	ug/kg
Metals:			
Aluminum	4/4	11500	mg/kg
Antimony	0/4	2.43	mg/kg
Arsenic	3/4	7.41	mg/kg

TABLE 4-3
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
Barium	3/4	32.4	mg/kg
Beryllium	3/4	0.454	mg/kg
Cadmium	0/4	0.306	mg/kg
Calcium	4/4	2030	mg/kg
Chromium	4/4	60.8	mg/kg
Cobalt	4/4	8.68	mg/kg
Copper	4/4	161	mg/kg
Iron	4/4	22100	mg/kg
Lead	4/4	71.8	mg/kg
Magnesium	4/4	6250	mg/kg
Manganese	4/4	206	mg/kg
Mercury	3/4	0.623	mg/kg
Nickel	4/4	20.5	mg/kg
Potassium	3/4	2820	mg/kg
Selenium	0/4	0.941	mg/kg
Silver	0/4	0.530	mg/kg
Sodium	4/4	8320	mg/kg
Thallium	0/4	1.08	mg/kg
Vanadium	4/4	36.1	mg/kg
Zinc	4/4	134	mg/kg

Notes:

(1) The locations and numbers or background samples collected were determined in concurrence with EPA. The frequency of detection denotes the number of times the compound/analyte was detected per the total number of samples that were analyzed.

(2) The average background concentrations were calculated as the arithmetic average of the detected concentrations and ½ the detection limits for those compounds/analytes reported as undetected. The detection limits used in the calculation are the sample specific detection limits reported by the laboratory. These detection limits are based on the EPA CLP contract required quantitation limits (CRQLs) for organics, and contract required detection limits (CRDLs) for inorganics, and incorporate any associated sample dilution or solids content factors.

TABLE 4-4
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION [1]	AVERAGE CONCENTRATION [2]	
		Value	Units
Volatile Organic Compounds:			
1,1,1-Trichloroethane	0/8	5	ug/l
1,1,2,2-Tetrachloroethane	0/8	5	ug/l
1,1,2-Trichloroethane	0/8	5	ug/l
1,1-Dichloroethane	0/8	5	ug/l
1,1-Dichloroethene	0/8	5	ug/l
1,2-Dichloroethane	0/8	5	ug/l
1,2-Dichloroethene	0/8	5	ug/l
1,2-Dichloropropane	0/8	5	ug/l
2-Butanone	0/8	5	ug/l
2-Hexanone	0/8	5	ug/l
4-Methyl-2-Pentanone	0/8	5	ug/l
Acetone	1/8	6.13	ug/l
Benzene	0/8	5	ug/l
Bromodichloromethane	0/8	5	ug/l
Bromoform	0/8	5	ug/l
Bromomethane	0/8	5	ug/l
Carbon Disulfide	1/8	4.75	ug/l
Carbon Tetrachloride	0/8	5	ug/l
Chlorobenzene	0/8	5	ug/l
Chloroethane	0/8	5	ug/l
Chloroform	0/8	5	ug/l
Chloromethane	0/8	5	ug/l
cis-1,3-Dichloropropane	0/8	5	ug/l
Dibromochloromethane	0/8	5	ug/l
Ethylbenzene	0/8	5	ug/l
Methylene Chloride	0/8	5	ug/l
Styrene	0/8	5	ug/l
1,1,2,2-Tetrachloroethane	0/8	5	ug/l
Tetrachlorothene	0/8	5	ug/l
Toluene	0/8	5	ug/l
Total Xylenes	0/8	5	ug/l
trans-1,3-Dichloropropane	0/8	5	ug/l
Trichloroethene	0/8	5	ug/l
Vinyl Chloride	0/8	5	ug/l
Semivolatile Organic Compounds:			
1,2,4-Trichlorobenzene	0/8	5	ug/l
1,2-Dichlorobenzene	0/8	5	ug/l
1,3-Dichlorobenzene	0/8	5	ug/l

TABLE 4-4
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION [1]	AVERAGE CONCENTRATION [2]	
		Value	Units
1,4-Dichlorobenzene	0/8	5	ug/l
2,2'-oxybis(1-Chloropropane)	0/8	5	ug/l
2,4,5-Trichlorophenol	0/8	5	ug/l
2,4,6-Trichlorophenol	0/8	12.5	ug/l
2,4-Dichlorophenol	0/8	5	ug/l
2,4-Dimethylphenol	0/8	5	ug/l
2,4-Dinitrophenol	0/8	12.5	ug/l
2,4-Dinitrotoluene	0/8	5	ug/l
2,6-Dinitrotoluene	0/8	5	ug/l
2-Chloronaphthalene	0/8	5	ug/l
2-Chlorophenol	0/8	5	ug/l
2-Methylnaphthalene	0/8	5	ug/l
2-Methylphenol	0/8	5	ug/l
2-Nitroaniline	0/8	12.5	ug/l
2-Nitrophenol	0/8	5	ug/l
3,3'-Dichlorobenzidine	0/8	5	ug/l
3-Nitroaniline	0/8	5	ug/l
4,6-Dinitro-2-methylphenol	0/8	12.5	ug/l
4-Bromophenyl-phenylether	0/8	5	ug/l
4-Chloro-3-methylphenol	0/8	5	ug/l
4-Chloroaniline	0/8	5	ug/l
4-Chlorophenyl-phenylether	0/8	5	ug/l
4-Methylphenol	0/8	5	ug/l
4-Nitroaniline	0/8	12.5	ug/l
4-Nitrophenol	0/8	12.5	ug/l
Acenaphthene	0/8	5	ug/l
Acenaphthylene	0/8	5	ug/l
Anthracene	0/8	5	ug/l
Benzo(a)anthracene	0/8	5	ug/l
Benzo(a)pyrene	0/8	5	ug/l
Benzo(b)fluoranthene	0/8	5	ug/l
Benzo(g,h,i)perylene	0/8	5	ug/l
Benzo(k)fluoranthene	0/8	5	ug/l
Bis(2-Chloroethoxy)Methane	0/8	5	ug/l
Bis(2-Chloroethyl)ether	0/8	5	ug/l
Bis(2-Ethylhexyl)phthalate	0/8	5	ug/l
Butylbenzylphthalate	0/8	5	ug/l
Carbazole	0/8	5	ug/l
Chrysene	0/8	5	ug/l
Di-n-Butylphthalate	0/8	5	ug/l
Di-n-Octylphthalate	0/8	5	ug/l

TABLE 4-4
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION [1]	AVERAGE CONCENTRATION [2]	
		Value	Units
Dibenzo(a,h)anthracene	0/8	5	ug/l
Dibenzofuran	0/8	5	ug/l
Di-n-butylphthalate	0/8	5	ug/l
Diethylphthalate	0/8	5	ug/l
Dimethylphthalate	0/8	5	ug/l
Fluoranthene	0/8	5	ug/l
Fluorene	0/8	5	ug/l
Hexachlorobenzene	0/8	5	ug/l
Hexachlorobutadiene	0/8	5	ug/l
Hexachlorocyclopentadiene	0/8	5	ug/l
Indeno(1,2,3-cd)pyrene	0/8	5	ug/l
Isophorone	0/8	5	ug/l
N-Nitroso-di-n-propylamine	0/8	5	ug/l
N-Nitroso-diphenylamine	0/8	5	ug/l
Naphthalene	0/8	5	ug/l
Nitrobenzene	0/8	5	ug/l
Pentachlorophenol	0/8	12.5	ug/l
Phenanthrene	0/8	5	ug/l
Phenol	0/8	5	ug/l
Pyrene	0/8	5	ug/l
Pesticides/PCBs:			
4,4'-DDD	0/8	0.05	ug/l
4,4'-DDE	0/8	0.05	ug/l
4,4'-DDT	0/8	0.125	ug/l
Aldrin	0/8	0.025	ug/l
alpha-BHC	1/8	0.0222	ug/l
alpha-Chlordane	1/8	0.0220	ug/l
Aroclor-1016	0/8	0.531	ug/l
Aroclor-1221	0/8	0.5	ug/l
Aroclor-1232	0/8	0.344	ug/l
Aroclor-1242	0/8	0.344	ug/l
Aroclor-1248	0/8	0.344	ug/l
Aroclor-1254	0/8	0.344	ug/l
Aroclor-1260	0/8	0.344	ug/l
Aroclor-1262	0/8	0.344	ug/l
Aroclor-1268	0/8	0.344	ug/l
beta-BHC	0/8	0.025	ug/l
delta-BHC	0/8	0.025	ug/l
Dieldrin	0/8	0.05	ug/l
Endosulfan I	0/8	0.025	ug/l
Endosulfan II	0/8	0.05	ug/l

TABLE 4-4
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION [1]	AVERAGE CONCENTRATION [2]	
		Value	Units
Endosulfan Sulfate	0/8	0.05	ug/l
Endrin	0/8	0.05	ug/l
Endrin Aldehyde	0/8	0.0406	ug/l
Endrin Ketone	0/8	0.05	ug/l
gamma-BHC	0/8	0.0235	ug/l
gamma-Chlordane	0/8	0.953	ug/l
Heptachlor	0/8	0.025	ug/l
Heptachlor Epoxide	1/8	0.0221	ug/l
Methoxychlor	0/8	0.15	ug/l
Toxaphene	0/8	1.75	ug/l
Metals:			
Aluminum	4/8	156	ug/l
Antimony	2/8	4.36	ug/l
Arsenic	1/8	14.3	ug/l
Barium	6/8	17.1	ug/l
Beryllium	0/8	0.456	ug/l
Cadmium	0/8	0.963	ug/l
Calcium	8/8	220000	ug/l
Chromium	1/8	4.98	ug/l
Cobalt	1/8	1.19	ug/l
Copper	5/8	19.8	ug/l
Iron	8/8	698	ug/l
Lead	0/8	3.94	ug/l
Magnesium	8/8	691000	ug/l
Manganese	8/8	135	ug/l
Mercury	1/8	0.149	ug/l
Nickel	0/8	4.60	ug/l
Potassium	8/8	344000	ug/l
Selenium	0/8	5.13	ug/l
Silver	0/8	5.07	ug/l
Sodium	8/8	6920000	ug/l
Thallium	1/8	10.2	ug/l
Vanadium	3/8	2.08	ug/l
Zinc	5/8	30.1	ug/l

Notes:

(1) The locations and numbers or background samples collected were determined in concurrence with EPA. The frequency of detection denotes the number of times the compound/analyte was detected per the total number of samples that were analyzed.

TABLE 4-4
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

(2) The average background concentrations were calculated as the arithmetic average of the detected concentrations and ½ the detection limits for those compounds/analytes reported as undetected. The detection limits used in the calculation are the sample specific detection limits reported by the laboratory. These detection limits are based on the EPA CLP contract required quantitation limits (CRQLs) for organics, and contract required detection limits (CRDLs) for inorganics, and incorporate any associated sample dilution or solids content factors.

TABLE 4-5
SUMMARY OF BACKGROUND CONCENTRATIONS IN SOIL
FINAL REMEDIAL INVESTIGATION REPORT – AREA I
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION (1)	AVERAGE CONCENTRATION (2)	
		value	units
Pesticides/PCBs:			
4,4'-DDD	0/35	4.60	ug/kg
4,4'-DDE	12/34	16.7	ug/kg
4,4'-DDT	13/34	29.1	ug/kg
Aldrin	0/36	2.41	ug/kg
alpha-BHC	0/36	2.41	ug/kg
alpha-Chlordane	9/35	4.88	ug/kg
Aroclor-1016	0/37	49.9	ug/kg
Aroclor-1221	0/37	93.0	ug/kg
Aroclor-1232	0/37	47.0	ug/kg
Aroclor-1242	0/37	46.1	ug/kg
Aroclor-1248	0/37	46.1	ug/kg
Aroclor-1254	0/37	46.1	ug/kg
Aroclor-1260	0/37	46.1	ug/kg
Aroclor-1262	0/27	36.8	ug/kg
Aroclor-1268	0/37	46.1	ug/kg
beta-BHC	0/35	2.39	ug/kg
delta-BHC	0/35	2.32	ug/kg
Dieldrin	8/33	13.1	ug/kg
Endosulfan I	3/35	4.52	ug/kg
Endosulfan II	5/36	4.72	ug/kg
Endosulfan Sulfate	0/36	4.69	ug/kg
Endrin	1/36	4.77	ug/kg
Endrin Aldehyde	1/36	4.56	ug/kg
Endrin Ketone	4/35	5.31	ug/kg
gamma-BHC	0/36	2.41	ug/kg
gamma-Chlordane	6/34	2.67	ug/kg
Heptachlor	1/35	2.19	ug/kg
Heptachlor Epoxide	2/35	2.33	ug/kg
Methoxychlor	4/34	22.3	ug/kg
Toxaphene	2/35	236	ug/kg
Metals:			
Aluminum	39/39	12900	mg/kg
Antimony	0/37	2.86	mg/kg
Arsenic	39/39	5.67	mg/kg
Barium	39/39	57.5	mg/kg
Beryllium	34/39	0.719	mg/kg

TABLE 4-5
SUMMARY OF BACKGROUND CONCENTRATIONS IN SOIL
FINAL REMEDIAL INVESTIGATION REPORT – AREA
RAYMARK - FERRY CREEK
OPERABLE UNIT NO. 3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION (1)	AVERAGE CONCENTRATION (2)	
		value	units
Cadmium	8/39	0.397	mg/kg
Calcium	39/39	1600	mg/kg
Chromium	39/39	17.0	mg/kg
Cobalt	29/39	6.35	mg/kg
Copper	37/38	28.8	mg/kg
Iron	39/39	16000	mg/kg
Lead	36/39	80.8	mg/kg
Magnesium	39/39	3250	mg/kg
Manganese	39/39	306	mg/kg
Mercury	25/39	0.111	mg/kg
Nickel	2/39	12.5	mg/kg
Potassium	24/39	961	mg/kg
Selenium	6/39	0.499	mg/kg
Silver	2/39	0.508	mg/kg
Sodium	21/34	76.4	mg/kg
Thallium	0/39	0.368	mg/kg
Vanadium	38/39	34.2	mg/kg
Zinc	39/39	112	mg/kg

Notes:

(1) The locations and numbers or background samples collected were determined in concurrence with EPA. The frequency of detection denotes the number of times the compound/analyte was detected per the total number of samples that were analyzed.

(2) The average background concentrations were calculated as the arithmetic average of the detected concentrations and ½ the detection limits for those compounds/analytes reported as undetected. The detection limits used in the calculation are the sample specific detection limits reported by the laboratory. These detection limits are based on the EPA CLP contract required quantitation limits (CRQLs) for organics, and contract required detection limits (CRDLs) for inorganics, and incorporate any associated sample dilution or solids content factors.

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SEDIMENT	B&RE	09-Jul-97	OU3-A1-SD01-0002	0	2		+	+		+	+	+								
A1	SEDIMENT	B&RE	01-Aug-97	OU3-A1-SD01-0812	8	12							+								
A1	SEDIMENT	B&RE	01-Aug-97	OU3-A1-SD01-1620	16	20							+								
A1	SEDIMENT	B&RE	10-Jul-97	OU3-A1-SD02-0002	0	2		+	+		+	+	+								
A1	SEDIMENT	B&RE	10-Jul-97	OU3-A1-SD02-0204	2	4	+	+	+		+	+	+								
A1	SEDIMENT	B&RE	24-Jul-97	OU3-A1-SD02-0208	2	8							+								
A1	SEDIMENT	B&RE	24-Jul-97	OU3-A1-SD02-1418	14	18							+								
A1	SEDIMENT	B&RE	09-Jul-97	OU3-A1-SD03-0002	0	2	+	+	+	+	+	+	+						+		
A1	SEDIMENT	B&RE	18-Jul-97	OU3-A1-SD03-0010	0	10							+								
A1	SEDIMENT	B&RE	09-Jul-97	OU3-A1-SD03-0204	2	4	+	+	+	+	+	+	+								
A1	SEDIMENT	B&RE	18-Jul-97	OU3-A1-SD03-1020	10	20							+								
A1	SEDIMENT	B&RE	10-Jul-97	OU3-A1-SD04-0002	0	2		+	+		+	+	+								
A1	SEDIMENT	B&RE	10-Jul-97	OU3-A1-SD04-0204	2	4		+	+		+	+	+								
A1	SEDIMENT	B&RE	30-Jul-97	OU3-A1-SD05-0812	8	12							+								
A1	SEDIMENT	B&RE	30-Jul-97	OU3-A1-SD05-1216	12	16							+								
A1	SEDIMENT	B&RE	23-Jul-97	OU3-A1-SD06-0812	8	12							+								
A1	SEDIMENT	B&RE	23-Jul-97	OU3-A1-SD06-1215	12	15							+								
A1	SEDIMENT	B&RE	23-Jul-97	OU3-A1-SD06-1519	15	19							+								
A1	SEDIMENT	B&RE	09-Aug-94	RM-SD-MF01-01	0	0.5	+	+	+	+	+										
A1	SEDIMENT	B&RE	07-Nov-94	RM-SD-MF01-02	0	0.5	+	+	+	+	+										
A1	SEDIMENT	B&RE	09-Aug-94	RM-SD-MF02-01	0	0.5	+	+	+	+	+										
A1	SEDIMENT	B&RE	09-Nov-94	RM-SD-MF02-02	0	0.5	+	+	+	+	+										
A1	SEDIMENT	B&RE	17-Apr-95	RM-SD-MF02-03	0	0.5	+	+	+	+	+										
A1	SEDIMENT	B&RE	17-Apr-95	RM-SD-MF03-03	0	0.5	+	+	+	+	+										
A1	SEDIMENT	B&RE	17-Apr-95	RM-SD-MF2D-03	0.5	1	+	+	+	+	+										
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SCT A+138	0	0.5						+									+
A1	SEDIMENT	WESTON/TAT	24-Sep-92	SD-16	0	0.5	+	+	+	+	+										
A1	SEDIMENT	WESTON/TAT	24-Sep-92	SD-17	0	0.5	+	+	+	+	+										
A1	SEDIMENT	WESTON/TAT	24-Sep-92	SD-18	0	0.5	+	+	+	+	+										
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SLE-CR+100	0	0.5						+									+
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SLE-CR+200	0	0.5						+									+
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SLE-CR+300	0	0.5			+		+	+									
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SLE-CR+400	0	0.5						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SLE-CR+460	0	0.5						+									+
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SLE-CR+500	0	0.5						+									+
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SLE-CR+600	0	0.5						+									+
A1	SEDIMENT	WESTON/TAT	19-Aug-93	SLE-CR+640	0	0.5						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0002	0	2						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0204A	2	4						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0204B	2	4						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0406A	4	6						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0406B	4	6						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0608	6	8	+	+	+	+	+	+									
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0810	8	10						+									
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0810A	8	10						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-0810B	8	10						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW101D-1012	10	12						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-1416	14	16						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-1618	16	18						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-1618A	16	18						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-1618B	16	18						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-1820	18	20						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-2022	20	22						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-2224	22	24						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-2426	24	26						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-2830	28	30	+	+	+	+	+	+									
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-3032	30	32						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-3234	32	34						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-3436	34	36						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-3638	36	38						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-3840	38	40						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-4042	40	42						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-4244	42	44						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-4446	44	46						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW101D-4648	46	48						+									+
A1	SOIL	B&RE	06-Apr-94	MF-SO-MW101D-4850	48	50	+	+	+	+	+	+									

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	06-Apr-94	MF-SO-MW101D-5456	54	56						+									+
A1	SOIL	B&RE	06-Apr-94	MF-SO-MW101D-5658	56	58						+									+
A1	SOIL	B&RE	06-Apr-94	MF-SO-MW101D-5860	58	60						+									+
A1	SOIL	B&RE	06-Apr-94	MF-SO-MW101D-6062	60	62						+									+
A1	SOIL	B&RE	06-Apr-94	MF-SO-MW101D-6264	62	64						+									+
A1	SOIL	B&RE	06-Apr-94	MF-SO-MW101D-6466	64	66						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW101D-6870	68	70						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW101D-7072	70	72						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW102-0002	0	2						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW102-0204	2	4						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW102-0406	4	6	+	+	+	+	+	+									
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW102-0608A	6	8						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW102-0608B	6	8						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW102-0810	8	10						+									+
A1	SOIL	B&RE	04-Apr-94	MF-SO-MW102-1012	10	12						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-1214	12	14						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-1618	16	18						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-1820	18	20						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-2022	20	22						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-2224	22	24	+	+	+	+	+	+									
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-2426	24	26						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-2628	26	28						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-2830	28	30						+									+
A1	SOIL	B&RE	05-Apr-94	MF-SO-MW102-3032	30	32						+									+
A1	SOIL	B&RE	11-Apr-94	MF-SO-MW102-3436	34	36						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-3638	36	38						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-3840	38	40						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-4042	40	42						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-4244	42	44	+	+	+	+	+	+									
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-4446	44	46						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-4648	46	48						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-4850	48	50						+									+
	SOIL	B&RE	12-Apr-94	MF-SO-MW102-5052	50	52						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT REMEDIAL INVESTIGATION REPORT
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-5254	52	54						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-5456	54	56						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-5658	56	58						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW102-5860	58	60						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-6062	60	62						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-6264	62	64						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-6466	64	66						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-6668	66	68						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-6870	68	70						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-7072	70	72						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-7476	74	76						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-7678	76	78						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW102-7880	78	80	+	+	+	+	+	+									
A1	SOIL	B&RE	18-Apr-94	MF-SO-MW102-98100	98	100	+	+	+	+	+										
A1	SOIL	B&RE	19-Apr-94	MF-SO-MW102D-103105	103	5						+									+
A1	SOIL	B&RE	19-Apr-94	MF-SO-MW102D-108110	108	10						+									+
A1	SOIL	B&RE	20-Apr-94	MF-SO-MW102D-113115	113	115						+									+
A1	SOIL	B&RE	18-Apr-94	MF-SO-MW102D-8082	80	82						+									+
A1	SOIL	B&RE	18-Apr-94	MF-SO-MW102D-8789	87	89						+									+
A1	SOIL	B&RE	18-Apr-94	MF-SO-MW102D-9395	93	95						+									+
A1	SOIL	B&RE	18-Apr-94	MF-SO-MW102D-98100	98	100						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-0002	0	2						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-0204	2	4						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-0405	4	5						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-0608	6	8					+	+									
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-0810	8	10	+	+	+	+	+	+									
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-1012	10	12						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-1214	12	14						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-1416	14	16	+	+	+	+	+	+									
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-1618	16	18					+	+									
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW103-1820	18	20						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-2022	20	22						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-2224	22	24						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-2426	24	26						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-2628	26	28						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-2830	28	30						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-3032	30	32						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-3234	32	34						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-3436	34	36						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-4042	40	42						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-4244	42	44						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-4446	44	46						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-4648	46	48						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-4850	48	50						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-5052	50	52						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-5254	52	54						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW103-5456	54	56						+									+
A1	SOIL	B&RE	18-Apr-94	MF-SO-MW103-5658	56	58						+									+
A1	SOIL	B&RE	19-Apr-94	MF-SO-MW103B-6870	68	70						+									+
A1	SOIL	B&RE	19-Apr-94	MF-SO-MW103B-7375	73	75						+									+
A1	SOIL	B&RE	19-Apr-94	MF-SO-MW103B-7880	78	80						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0002	0	2	+	+	+	+	+	+									
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0204	2	4						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0204A	2	4						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0204B	2	4						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0406	4	6															+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0406A	4	6						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0406B	4	6						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0608	6	8						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-0810	8	10						+									+
A1	SOIL	B&RE	07-Apr-94	MF-SO-MW104D-1012	10	12						+									+
A1	SOIL	B&RE	11-Apr-94	MF-SO-MW104D-1214	12	14						+									+
A1	SOIL	B&RE	11-Apr-94	MF-SO-MW104D-1416	14	16						+									+
A1	SOIL	B&RE	11-Apr-94	MF-SO-MW104D-1618	16	18	+	+	+	+	+	+									
A1	SOIL	B&RE	11-Apr-94	MF-SO-MW104D-1820	18	20						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-2022	20	22						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-2224	22	24						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-2224A	22	24						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-2224B	22	24						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-2426	24	26						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-2628	26	28						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-2830	28	30						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-3032	30	32						+									+
A1	SOIL	B&RE	12-Apr-94	MF-SO-MW104D-3234	32	34	+	+	+	+	+	+									
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-3436	34	36						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-3638	36	38						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-3840	38	40						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-4042	40	42						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-4244	42	44						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-4446	44	46						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-4648	46	48	+	+	+	+	+	+									
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-5052	50	52						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-5254	52	54						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-5456	54	56						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-5658	56	58						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-5860	58	60						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-6062	60	62	+	+	+	+	+	+									
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-6264	62	64						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-6466	64	66						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-6668	66	68						+									+
A1	SOIL	B&RE	13-Apr-94	MF-SO-MW104D-6870	68	70						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW104D-7072	70	72						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW104D-7274	72	74						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW104D-7476	74	76						+									+
A1	SOIL	B&RE	14-Apr-94	MF-SO-MW104D-7678	76	78						+									+
A1	SOIL	B&RE	18-Apr-94	MF-SO-MW104D-7880	78	80						+									+
A1	SOIL	B&RE	18-Apr-94	MF-SO-MW104D-8082	80	82						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-0002	0	2						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-0204A	2	4						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-0204B	2	4						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-0608	6	8						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-0810	8	10	+	+	+	+	+	+									
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-1012	10	12						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-1214	12	14						+									
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-1214A	12	14						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-1214B	12	14						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-1416	14	16						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB1-1618	16	18						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-0001	0	1						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-0204	2	4						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-0406	4	6						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-0608	6	8	+	+	+	+	+	+									
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-0810	8	10						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-1012	10	12						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-1214	12	14						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-1416	14	16	+	+	+	+	+	+									
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-1618	16	18						+									
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-1618A	16	18						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-1618B	16	18						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-1820A	18	20						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-1820B	18	20						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-SB2-2022	20	22						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-0002	0	2						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-0204	2	4						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-0406	4	6						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-0608A	6	8						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-0608B	6	8						+									+
A1	SOIL	B&RE	02-Apr-94	MF-SO-SB3-0810	8	10	+	+	+	+	+	+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-1012	10	12						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-1214A	12	14						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-1214B	12	14						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-1416	14	16						+									

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-1416A	14	16						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-1416B	14	16						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-1618	16	18						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB3-1820	18	20						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-0002	0	2						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-0204A	2	4						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-0204B	2	4						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-0406	4	6					+	+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-0608	6	8						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-1012	10	12						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-1214	12	14	+	+	+	+	+	+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-1416	14	16						+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-1416A	14	16						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-1416B	14	16						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-1618A	16	18						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB4-1618B	16	18						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-0002	0	2						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-0204	2	4						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-0406	4	6						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-0608	6	8						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-0810	8	10						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-1012	10	12						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-1214	12	14						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-1416	14	16	+	+	+	+	+	+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-1820	18	20						+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-1820A	18	20						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-1820B	18	20						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-2022A	20	22						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB5-2022B	20	22						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB6-0002	0	2						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB6-0204	2	4	+	+	+	+	+	+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB6-0608	6	8						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB6-0810	8	10						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB6-1012	10	12						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB6-1214	12	14						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB6-1416	14	16						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-SB6-1618	16	18						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-0002	0	2						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-0204	2	4						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-0406	4	6	+	+	+	+	+	+									
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-0608	6	8						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-0810	8	10						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-1012	10	12						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-1214	12	14						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-1416	14	16	+	+	+	+	+	+									
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-1618	16	18						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-1820	18	20						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB7-2022	20	22						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-0002	0	2						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-0204	2	4						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-0406	4	6						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-0608	6	8	+	+	+	+	+	+									
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-0810	8	10						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-1012	10	12															+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-1012A	10	12						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-1012B	10	12						+									+
A1	SOIL	B&RE	25-Apr-94	MF-SO-SB8-1214	12	14						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-TP1-0004	2	4						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-TP1-0405	4	5						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-TP2-0203	2	3						+									+
A1	SOIL	B&RE	30-Mar-94	MF-SO-TP2-0506	5	6	+	+	+	+	+	+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-TP3-0203	2	3						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-TP3-0405	4	5	+	+	+	+	+	+									
A1	SOIL	B&RE	31-Mar-94	MF-SO-TP4-0203	2	3						+									+
A1	SOIL	B&RE	31-Mar-94	MF-SO-TP4-0405	4	5						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB01-0002	0	2		+	+		+	+						+			

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB01-0204	2	4						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB01-0406	4	6						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB01-0608	6	8						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB01-0810	8	10						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB01-1012	10	12		+	+		+	+									
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB01-1214	12	14						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB01-1416	14	16						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB02-0002	0	2		+	+		+	+						+			
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB02-0204	2	4						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB02-0406	4	6						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB02-0608	6	8						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB02-0810	8	10		+	+		+	+									
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB02-1012	10	12						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB02-1214	12	14						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB02-1416	14	16						+									+
A1	SOIL	B&RE	24-Jul-97	OU3-A1-SB03-0002	0	2						+									+
A1	SOIL	B&RE	24-Jul-97	OU3-A1-SB03-0204	2	4						+									+
A1	SOIL	B&RE	24-Jul-97	OU3-A1-SB03-0406	4	6						+									+
A1	SOIL	B&RE	24-Jul-97	OU3-A1-SB03-0608	6	8	+	+	+	+	+	+						+			
A1	SOIL	B&RE	24-Jul-97	OU3-A1-SB03-0810	8	10						+									+
A1	SOIL	B&RE	24-Jul-97	OU3-A1-SB03-1012	10	12						+									+
A1	SOIL	B&RE	24-Jul-97	OU3-A1-SB03-1214	12	14						+									+
A1	SOIL	B&RE	24-Jul-97	OU3-A1-SB03-1416	14	16		+	+		+	+									
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB04-0002	0	2						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB04-0204	2	4						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB04-0406	4	6		+	+		+	+						+			
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB04-0608	6	8	+	+	+		+	+									
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB04-0810	8	10						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB04-1012	10	12						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB04-1214	12	14						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB04-1416	14	16						+									+
A1	SOIL	B&RE	18-Jul-97	OU3-A1-SB05-0002	0	2						+									+
A1	SOIL	B&RE	18-Jul-97	OU3-A1-SB05-0204	2	4		+	+		+	+						+			

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	18-Jul-97	OU3-A1-SB05-0406	4	6						+									+
A1	SOIL	B&RE	18-Jul-97	OU3-A1-SB05-0608	6	8						+									+
A1	SOIL	B&RE	18-Jul-97	OU3-A1-SB05-0810	8	10		+	+		+	+									
A1	SOIL	B&RE	18-Jul-97	OU3-A1-SB05-1012	10	12						+									+
A1	SOIL	B&RE	18-Jul-97	OU3-A1-SB05-1214	12	14						+									+
A1	SOIL	B&RE	18-Jul-97	OU3-A1-SB05-1416	14	16						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB06-0002	0	2						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB06-0204	2	4	+	+	+	+	+	+						+			
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB06-0406	4	6						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB06-0608	6	8						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB06-0810	8	10	+	+	+		+	+									
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB06-1012	10	12						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB06-1214	12	14						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB06-1416	14	16						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB07-0002	0	2						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB07-0204	2	4						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB07-0406	4	6						+									+
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB07-0608	6	8	+	+	+		+	+						+			
A1	SOIL	B&RE	21-Jul-97	OU3-A1-SB07-0810	8	10	+	+	+		+	+									
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB07-1012	10	12						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB07-1214	12	14						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB07-1416	14	16						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB09-0002	0	2						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB09-0204	2	4						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB09-0406	4	6						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB09-0608	6	8						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB09-0810	8	10		+	+		+	+									
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB09-1012	10	12						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB09-1214	12	14						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB09-1416	14	16						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB10-0002	0	2		+	+		+	+						+			
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB10-0204	2	4						+									+
	SOIL	B&RE	23-Jul-97	OU3-A1-SB10-0406	4	6						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB10-0608	6	8						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB10-0810	8	10		+	+		+	+									
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB10-1012	10	12						+									+
A1	SOIL	B&RE	22-Jul-97	OU3-A1-SB10-1214	12	14						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB10-1416	14	16						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB11-0002	0	2		+	+	+	+	+						+			
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB11-0204	2	4						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB11-0406	4	6						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB11-0608	6	8						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB11-0810	8	10						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB11-1012	10	12		+	+		+	+									
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB11-1214	12	14						+									+
A1	SOIL	B&RE	23-Jul-97	OU3-A1-SB11-1416	14	16						+									+
A1	SOIL	B&RE	08-Jul-97	OU3-A1-SS01-0002	0	2		+	+		+	+						+			
A1	SOIL	B&RE	08-Jul-97	OU3-A1-SS01-0204	2	4		+	+		+	+						+			
A1	SOIL	B&RE	08-Jul-97	OU3-A1-SS02-0002	0	2		+	+		+	+									
A1	SOIL	B&RE	08-Jul-97	OU3-A1-SS02-0204	2	4		+	+		+	+									
A1	SOIL	B&RE	08-Jul-97	OU3-A1-SS03-0002	0	2		+	+	+	+	+									
A1	SOIL	B&RE	08-Jul-97	OU3-A1-SS04-0002	0	2		+	+		+	+						+			
A1	SOIL	B&RE	08-Jul-97	OU3-A1-SS05-0002	0	2		+	+		+	+									
A1	SOIL	B&RE	08-Jul-97	OU3-A1-SS05-0204	2	4		+	+		+	+									
A1	SOIL	B&RE	05-Aug-97	OU3-A1-SS06-0002	0	2		+	+		+	+						+			
A1	SOIL	B&RE	05-Aug-97	OU3-A1-SS06-0204	2	4		+	+		+	+						+			
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (0.0-0.5)	0	0.5						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (0.5-1.1)	0.5	1.1						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (1.1-2.1)	1.1	2.1						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (10.1-11.4)	10.1	11.4						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (4.0-4.4)	4	4.4						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (4.4-4.9)	4.4	4.9						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (4.9-5.6)	4.9	5.6						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (6.0-6.8)	6	6.8						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (8.7-9.3)	8.7	9.3						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S286,E150 (9.3-10.1)	9.3	10.1						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S309,E145 (0.4-0.6)	0.4	0.6						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S309,E145 (0.6-1.0)	0.6	1						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S309,E145 (1.3-1.5)	1.3	1.5						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S309,E145 (2.0-2.2)	2	2.2						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP106A S309,E145 (8.8-9.0)	8.8	9						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP116A S230,E162 (0.0-0.4)	0	0.4						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP116A S230,E162 (0.4-0.9)	0.4	0.9						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP116A S230,E162 (0.9-1.1)	0.9	1.1						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP116A S230,E162 (1.1-1.9)	1.1	1.9						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP116A S230,E162 (4.5-5.5)	4.5	5.5						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP116A S230,E162 (8.5-9.0)	8.5	9						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP126A S175,E213 (0.0-0.5)	0	0.5						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP126A S175,E213 (0.5-1.5)	0.5	1.5						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP126A S175,E213 (1.5-2.1)	1.5	2.1						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP126A S175,E213 (2.1-2.9)	2.1	2.9						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP126A S175,E213 (4.0-4.4)	4	4.4						+									+
A1	SOIL	WESTON/ARCS	26-Oct-93	BP68A S535,E172 (0.7-0.9)	0.7	0.9						+									+
A1	SOIL	WESTON/ARCS	26-Oct-93	BP68A S535,E172 (5.0-5.2)	5	5.2						+									+
A1	SOIL	WESTON/ARCS	26-Oct-93	BP68AC-S535,E172(0.0-0.3)	0	0.3	+	+	+	+	+										
A1	SOIL	WESTON/ARCS	26-Oct-93	BP68AC-S535,E172(1.8-2.4)	1.8	2.4	+	+	+	+	+										
A1	SOIL	WESTON/ARCS	26-Oct-93	BP68AC-S535,E172(5.2-5.5)	5.2	5.5	+	+	+	+	+										
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70A S485,E160 (0.0-0.2)	0	0.2						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70A S485,E160 (0.6-0.7)	0.6	0.7						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70A S485,E160 (2.5-2.7)	2.5	2.7						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70A S485,E160 (2.8-3.0)	2.8	3						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70A S485,E160 (4.2-4.5)	4.2	4.5						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70A S485,E160 (6.3-6.5)	6.3	6.5						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70A S485,E160 (7.2-7.5)	7.2	7.5						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70A S485,E160 (9.2-9.5)	9.2	9.5						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP70A S528,E172 (0.0-0.2)	0	0.2						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP70A S528,E172 (4.3-4.7)	4.3	4.7						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP70A S528,E172 (5.0-5.3)	5	5.3						+									+
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70AC-S485,E160(3.6-4.0)	3.6	4	+	+	+	+	+										

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70AC-S485,E160(4.5-5.0)	4.5	5	+	+	+	+	+										
A1	SOIL	WESTON/ARCS	07-Oct-93	BP70AC-S485,E160(7.5-8.2)	7.5	8.2	+	+	+	+	+										
A1	SOIL	WESTON/ARCS	06-Oct-93	BP70AC-S528,E172(0.6-1.5)	0.6	1.5	+	+	+	+	+										
A1	SOIL	WESTON/ARCS	06-Oct-93	BP78A S453,E162 (0.0-0.25)	0	0.25						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP78A S453,E162 (1.4-2.0)	1.4	2						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP78A S453,E162 (2.0-2.7)	2	2.7						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP78A S453,E162 (2.7-3.4)	2.7	3.4						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP78A S453,E162 (4.0-4.2)	4	4.2						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP78A S453,E162 (5.4-5.6)	5.4	5.6						+									+
A1	SOIL	WESTON/ARCS	06-Oct-93	BP78AC-S453,E162(0.8-1.4)	0.8	1.4	+	+	+	+	+										
A1	SOIL	WESTON/ARCS	06-Oct-93	BP78AC-S453,E162(4.6-5.0)	4.6	5	+	+	+	+	+										
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S342,E166 (0.0-0.3)	0	0.3						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S342,E166 (0.5-1.5)	0.5	1.5						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S342,E166 (1.5-2.4)	1.5	2.4						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S342,E166 (3.2-3.7)	3.2	3.7						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S342,E166 (4.0-4.3)	4	4.3						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S365,E168 (0.0-0.3)	0	0.3						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S365,E168 (2.4-2.6)	2.4	2.6						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S365,E168 (3.3-3.5)	3.3	3.5						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96A S365,E168 (4.3-4.5)	4.3	4.5						+									+
A1	SOIL	WESTON/ARCS	05-Oct-93	BP96AC-S342,E166(1.5-2.4)	1.5	2.4	+	+	+		+										
A1	SOIL	WESTON/ARCS	11-Oct-93	BP96AC-S342,E166(3.3-3.5)	3.3	3.5				+											
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (0.1-0.3)	0.1	0.3						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (1.1-1.3)	1.1	1.3						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (1.6-1.8)	1.6	1.8						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (10.0-10.2)	10	10.2						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (13.1-13.3)	13.1	13.3						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (13.4-13.6)	13.4	13.6						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (14.3-14.8)	14.3	14.8						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (2.3-2.5)	2.3	2.5						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (2.7-2.9)	2.7	2.9						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (4.4-4.6)	4.4	4.6						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N250,E6 (6.0-6.2)	6	6.2						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N256,W41 (0.0-0.3)	0	0.3						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N256,W41 (4.1-4.3)	4.1	4.3						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N256,W41 (5.5-5.7)	5.5	5.7						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N256,W41 (6.5-6.7)	6.5	6.7						+									+
A1	SOIL	WESTON/ARCS	12-Oct-93	H2A N256,W41 (6.9-7.1)	6.9	7.1						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E290,S145 (0.0-0.3)	0	0.3						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E290,S145 (0.6-0.8)	0.6	0.8						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E290,S145 (2.0-2.3)	2	2.3						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E290,S145 (2.4-2.7)	2.4	2.7						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E305,S20 (0.0-0.2)	0	0.2						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E305,S20 (1.0-2.5)	1	2.5						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E305,S20 (2.5-3.7)	2.5	3.7						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E305,S20 (4.0-6.0)	4	6						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E305,S20 (6.0-7.0)	6	7						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E305,S20 (8.0-9.5)	8	9.5						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E305,S20 (9.5-9.7)	9.5	9.7						+									+
A1	SOIL	WESTON/ARCS	08-Oct-93	MS74A E305,S20 (9.7-11.8)	9.7	11.8						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB E+300	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB E+400	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB E+500	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB E+600	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB E+700	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB E+800	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+100	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+130	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+200	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+300	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+400	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+500	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+600	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+700	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	EB W+800	0	0.5						+									+
	SOIL	WESTON/TAT	13-Oct-93	EB640A N124,E156 (0.2-0.4)	0.2	0.4						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	WESTON/TAT	13-Oct-93	EB640A N124,E156 (1.7-1.9)	1.7	1.9						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB640A N124,E156 (2.4-2.5)	2.4	2.5						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB640A N124,E156 (2.8-3.0)	2.8	3						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB640A N124,E156 (4.6-4.8)	4.6	4.8						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (0.0-0.2)	0	0.2						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (0.6-0.8)	0.6	0.8						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (1.3-1.5)	1.3	1.5						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (10.6-10.8)	10.6	10.8						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (4.0-4.3)	4	4.3						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (4.4-4.8)	4.4	4.8						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (4.9-5.1)	4.9	5.1						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (5.6-5.8)	5.6	5.8						+									+
A1	SOIL	WESTON/TAT	15-Oct-93	EB640A N68,E167 (8.7-8.9)	8.7	8.9						+									+
A1	SOIL	WESTON/TAT	16-Oct-93	EB640AC-N124,E156(0.5-1.0)	0.5	1	+	+	+	+	+										
A1	SOIL	WESTON/TAT	13-Oct-93	EB640AC-N124,E156(2.0-2.4)	2	2.4	+	+	+	+	+										
A1	SOIL	WESTON/TAT	13-Oct-93	EB640AC-N124,E156(4.8-6.3)	4.8	6.3	+	+	+	+	+										
A1	SOIL	WESTON/TAT	13-Oct-93	EB650A N148,E95 (0.0-0.3)	0	0.3						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB650A N148,E95 (1.9-2.1)	1.9	2.1						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB650A N148,E95 (5.4-5.6)	5.4	5.6						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB650A N148,E95 (6.8-7.0)	6.8	7						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB650A N148,E95 (8.8-9.2)	8.8	9.2						+									+
A1	SOIL	WESTON/TAT	14-Oct-93	EB728A N247,E46 (0.0-0.2)	0	0.2						+									+
A1	SOIL	WESTON/TAT	14-Oct-93	EB728A N247,E46 (0.25-0.5)	0.25	0.5						+									+
A1	SOIL	WESTON/TAT	14-Oct-93	EB728A N247,E46 (0.8-0.9)	0.8	0.9						+									+
A1	SOIL	WESTON/TAT	14-Oct-93	EB728A N247,E46 (1.0-1.3)	1	1.3						+									+
A1	SOIL	WESTON/TAT	14-Oct-93	EB728A N247,E46 (1.3-1.4)	1.3	1.4						+									+
A1	SOIL	WESTON/TAT	14-Oct-93	EB728A N247,E46 (10.0-10.3)	10	10.3						+									+
A1	SOIL	WESTON/TAT	14-Oct-93	EB728A N247,E46 (10.5-10.8)	10.5	10.8						+									+
A1	SOIL	WESTON/TAT	14-Oct-93	EB728A N247,E46 (5.4-5.6)	5.4	5.6						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB728A N277,E37 (0.0-0.3)	0	0.3						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB728A N277,E37 (1.0-1.3)	1	1.3						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB728A N277,E37 (10.0-11.3)	10	11.3						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB728A N277,E37 (12.5-12.8)	12.5	12.8						+									+

TABLE 4-6
AREA A-1: SAMPLES COLLECTED AND ANALYSES PERFORMED
FINAL REMEDIAL INVESTIGATION REPORT - AREA I
RAYMARK - FERRY CREEK, OU3
STRATFORD, CT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
A1	SOIL	WESTON/TAT	13-Oct-93	EB728A N277,E37 (2.0-2.3)	2	2.3						+									+
A1	SOIL	WESTON/TAT	13-Oct-93	EB728A N277,E37 (6.0-6.3)	6	6.3						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1300	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1350	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1400	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1450	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1500	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1550	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1600	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1650	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1700	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1750	0	0.5						+									+
A1	SOIL	WESTON/TAT	11-Jun-93	FB W+1800	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF A+00	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF A+050	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF A+100	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF A+200	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF A+300	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF A+400	0	0.5						+									+
A1	SOIL	WESTON/TAT	15-Jun-93	MF AY0	0	0.5						+									+
A1	SOIL	WESTON/TAT	15-Jun-93	MF AY1	0	0.5						+									+
A1	SOIL	WESTON/TAT	15-Jun-93	MF AY2	0	0.5						+									+
A1	SOIL	WESTON/TAT	15-Jun-93	MF AY3	0	0.5						+									+
A1	SOIL	WESTON/TAT	15-Jun-93	MF AY4	0	0.5						+									+
A1	SOIL	WESTON/TAT	15-Jun-93	MF AZ+300	0	0.5						+									+
A1	SOIL	WESTON/TAT	15-Jun-93	MF AZ+365	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF B+00	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF B+050	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF B+100	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF B+200	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF B+300	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF B+400	0	0.5						+									+
A1	SOIL	WESTON/TAT	14-Jun-93	MF B+425	0	0.5						+									+

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